AL1024ULXPD16
Multi-Output Power Supply/Charger

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AL1024ULXPD16

Overview

AL1024ULXPD16 is a multi-agency approved multi-output power supply/charger which converts a 115VAC/60Hz input into sixteen (16) 24VDC non-power limited outputs.

Specifications

Input:
- Input 115VAC / 60Hz, 4.4 amp.
- Input fuse rated @ 3.5 amp/250V.

Output:
- 24VDC output.
- 10 amp of continuous supply current for Access Control applications.
- 8 amp of continuous supply current for Fire Alarm applications.
- Sixteen (16) fuse protected outputs.
- Output fuses are rated @ 3.5 amp/250VAC.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 3.6 amp.

Supervision:
- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).
- Battery presence supervision (form “C” contacts).

Visual Indicators:
- AC input and DC output LED indicators.

Electrical:
- Operating temperature: 0º C to 49º C ambient.
- 45-91 BTU/Hr.:
- System AC input VA requirement: 506VA.

Mechanical:
- Enclosure Dimensions (H x W x D approx.): 15.5” (393.7mm) x 12” (304.8mm) x 4.5” (114.3mm) - Accommodates up to two (2)12VDC/12AH batteries.
- Product weight (approx.): 10.1 lbs. (4.58 kg.).
- Shipping weight (approx.): 11.4 lbs. (5.17 kg.).

Agency Approvals

UL 294 UL Listed for Access Control System Units.

UL 1481 UL Listed Standard for Safety for Fire Protective Signaling Systems.

CUL Listed - CSA Standard C22.2 No.205-M1983, Signal Equipment.

Enclosure Dimensions *(H x W x D) (approximate)*:

15.5” (393.7mm) x 12” (304.8mm) x 4.5” (114.3mm)